

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: July 22, 2008

ATTY DOCKET NO.
2005_0411ASERIAL NO.
10/528,240APPLICANT
Yasushi KOHNO et al.FILING DATE
April 22, 2005GROUP
1621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,604,229	2/1997	Fujita et al.			
	AB	5,719,176	2/1998	Fujita et al.			
	AC	5,952,316	9/1999	Fujita et al.			
	AD	6,723,745	4/2004	Nishi et al.			
	AE	6,964,976	11/2005	Nishi et al.			
	AF	2003/0236297	12/2003	Nishi et al.			
	AG	2004/0132784	7/2004	Nishi et al.			
	AH	6,963,012	11/2005	Kohno et al.			
	AI	6,960,692	11/2005	Kohno et al.			
	AJ	7,179,817	2/2007	Seko et al.			
	AK	2007/0088027	4/2007	Seko et al.			
	AL	6,437,165	8/2002	Mandala et al.			
	AM	2002/0091105	7/2002	Mandala et al.			
	AN	7,326,801	2/2008	Albert et al.			
	AO	7,064,217	6/2006	Macdonald et al.			
	AP	2004/0110728	6/2004	Macdonald et al.			
	AQ	2005/0020837	1/2005	Doherty et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	94/08943	4/1994	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Yoh Takuwa et al., "Subtype-specific, differential activities of the EDG family receptors for sphingosine-1-phosphate, a novel lysophospholipid mediator", Molecular and Cellular Endocrinology, 177, pages 3-11, 2001.					
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	AA	7,288,558	10/2007	Nakade et al.			
	AB	2004/0058894	3/2004	Doherty et al.			
	AC	2005/0070506	3/2005	Doherty et al.			
	AD	2005/0033055	2/2005	Bugianesi et al.			
	AE	7,309,721	12/2007	Budhu et al.			
	AF	5,447,922	9/1995	Lawrence et al.			
	AG	5,543,542	8/1996	Lawrence et al.			
	AH	2006/0166940	7/2006	Buehlmayer et al.			
	AI	2004/0235794	11/2004	Nakade et al.			
	AJ	2005/0107345	5/2005	Doherty et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	02/06268	1/2002	WO			
	BB	2002-53575	2/2002	Japan			
	BC	03/029184	4/2003	WO			
	BD	03/029205	4/2003	WO			
	BE	01/98301	12/2001	WO			
	BF	02/092068	11/2002	WO			
	BG	03/040097	5/2003	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Yasuyuki Igarashi, "Sphingosine-1-Phosphate as an Intercellular Signaling Molecule", Annals New York Academy of Sciences, 845, pages 19-31, 1998.
	CB	Hiroshi Okazaki et al., "Molecular Cloning of a Novel Putative G Protein-Coupled Receptor Expressed in the Cardiovascular System", Biochemical and Biophysical Research Communications, Vol. 190, No. 3, pages 1104-1109, February 15, 1993.

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	AA	2007/0224263	9/2007	Doherty et al.			
	AB	7,199,142	4/2007	Chen et al.			
	AC	7,241,790	7/2007	Lynch et al.			
	AD	2007/0219163	9/2007	Lynch et al.			
	AE	2006/0148844	7/2006	Nakade et al.			
	AF	2007/0135402	6/2007	Habashita et al.			
	AG	2006/0160771	7/2006	Kohno et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BA	02/18395	3/2002	WO				
	BB	02/076995	10/2002	WO				
	BC	2003-137894	5/2003	Japan				
	BD	03/061567	7/2003	WO				
	BE	03/062248	7/2003	WO				
	BF	03/062252	7/2003	WO				
	BG	03/073986	9/2003	WO				
	BH	02/064616	8/2002	WO				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Volker Brinkmann et al., "The Immune Modulator FTY720 Targets Sphingosine 1-Phosphate Receptors", The Journal of Biological Chemistry, Vol. 277, No. 24, pages 21453-21457, 2002.
	CB	Suzanne Mandala et al., "Alteration of Lymphocyte Trafficking by Sphingosine-1-Phosphate Receptor Agonists", Science, Vol. 296, pages 346-349, April 12, 2002.
	CC	M. Germana Sanna et al., "Sphingosine 1-Phosphate (S1P) Receptor Subtypes S1P ₁ and S1P ₃ , Respectively, Regulate Lymphocyte Recirculation and Heart Rate", The Journal of Biological Chemistry, Vol. 279, No. 14, pages 13839-13848, April 2, 2004.

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	AA	7,351,725	4/2008	Doherty et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BA	0 698 609	2/1996	Europe				
	BB	2004/024673	3/2004	WO				
	BC	03/020313	3/2003	WO				
	BD	2003-267936	9/2003	Japan				
	BE	03/074008	9/2003	WO				
	BF	03/105771	12/2003	WO				
	BG	2004/010949	2/2004	WO				
	BH	2004/002531	1/2004	WO				
	BI	200		Japan				
	BJ	2002-55572		Japan				
	BK	2004/074297	9/2004	WO				
	BL	02/062389	8/2002	WO				
	BM	03/051876	6/2003	WO				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	M. Forrest et al., "Immune Cell Regulation and Cardiovascular Effects of Sphingosine 1-Phosphate Receptor Agonists in Rodents are Mediated via Distinct Receptor Subtypes", The Journal of Pharmacology and Experimental Therapeutics, Vol. 309, No. 2, pages 758-768, 2004.
CB	Bodo Levkau et al., "High-Density Lipoprotein Stimulates Myocardial Perfusion In Vivo", Circulation, 110, pages 3355-3359, 2004.
CC	Salvatore Salomone et al., "S1P ₃ receptors mediate the potent constriction of cerebral arteries by sphingosine-1-phosphate", European Journal of Pharmacology, 469, pages 125-134, 2003.

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